

Mobility Innovation Week Japan 2023



Plenary Session, November 14th (Tue)

Venue : Takeda Hall, Asano Campus, The University of Tokyo

9:00 - 9:45	Opening & Keynote
10:00 - 11:30	Japan Session
12:50 - 14:20	Plenary Session 1 Session Theme : Mobility innovation to Solve Social issues
14:35 - 16:05	Plenary Session 2 Session Theme : Mobility innovation to provide Sustainable mobility services for all
16:20 - 17:50	Plenary Session 3, Panel Discussion Theme : Mobility Innovation for the future
17:50 - 18:10	Special Lecture
18:10 - 18:15	Closing
18:15 - 20:15	Welcome Reception

Co-Organizer

Mobility
Innovation
Alliance Japan



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UPDATE MOBILITY

Opening & Keynote

Session Overview

The organizer will introduce Mobility Innovation Alliance Japan and Mobility Innovation Workshop succeeded the SIP-adus Workshop.

From Europe, policy officer of CCAM (Connected, Cooperative and Automated Mobility) at Directorate General for Research & Innovation of the European Commission and from the United States, former Assistant Secretary of Research & Technology Agency U.S. Department of Transportation and current Agency Director of the Texas A&M Transportation Institute will introduce global initiatives and prospects for future mobility centered on automated driving.

Speakers



Hajime Amano

Representative Director, Mobility Innovation Alliance Japan



Andrea De Candido

Policy Officer – CCAM, European Commission – DG RTD

Status of development of CCAM solutions in the EU



Gregory D. Winfree

Agency Director, Texas A&M Transportation Institute

Revolutionizing Tomorrow's World: The Future of Mobility

Japan Session

Session Overview

Japanese initiatives for future mobility innovation will be introduced with the theme of “Institutional Initiatives” and “Initiatives for Social Implementation” for the realization of mobility services.

Speakers



Yoshihiro Suda

*Vice representative director of Mobility Innovation Alliance Japan, Professor, Advanced Mobility Research Center, Institute of Industrial Science (IIS) & Director Mobility Innovation Collaborative Research Organization (UTmobI), The University of Tokyo
Director of Japan Road Traffic Information Center, Japan*



Kentaro Asayama

Director, Group of Service for Citizens, Digital Agency, Japan

Mobility and related efforts by the Digital Agency



Norihiro Naritomi

Director, the Automated Driving Planning Office, Traffic Planning Division, Traffic Bureau, National Police Agency, Japan

Initiatives for Realization of Automated Driving by Japan Police



Takanori Mashiko

Director, New Generation Mobile Communications Office, Ministry of Internal Affairs and Communications, Japan

MIC Initiatives for Next Generation ITS Communications

Speakers



Takeru Ito

Director, Mobility Digital Transformation Office, Automobile Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry, Japan

METI's efforts to Realize Automated Driving



Masamitsu Waga

Director, ITS Policy and Program Office, Road Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan

Initiatives relating to automated driving by Road Bureau, MLIT of Japan



Kenichi Hayashi

Director, Policy Planning Office for Automated Driving Technology, Logistics and Road Transport Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan (Bureau name has changed since Oct. 2023)

Efforts of Logistics and Road Transport Bureau, MLIT
For the Realization of Automated Driving



Haruo Ishida

*Professor Emeritus/Special Advisor to the President, University of Tsukuba
Program Director, Development of Smart Mobility Platform, The Strategic Innovation Promotion Program, Cabinet Office, Japan*

Outline of SIP on Development of Smart Mobility Platform

BOLDLY

UPDATE MOBILITY

Our mission is to contribute to resolving all the issues surrounding mobility, aiming to create a world where every individual can move freely, affordably, and safely.



Leader in Japan (*According to BOLDLY's research)

1 Autonomous Bus Operation Support

BOLDLY collaborates with local governments and regional transportation providers to establish the daily operation of autonomous vehicles and promote the revitalisation of the area, while also striving to achieve Level 4 autonomous driving services.

10 areas

Daily Operation of Autonomous Shuttles in Japan by the end of FY23

150+ areas

Autonomous Vehicle Demonstrations Conducted by BOLDLY

BOLDLY's FMS ready for Level 4 Operation



Autonomous vehicles alone are not enough to start operations. Remote control from distant locations is necessary for tasks such as providing driving instructions along the schedule, maintaining in-vehicle safety, and responding to emergencies. By implementing BOLDLY's "Dispatcher" dedicated for Level 4 autonomous vehicles, you can access many essential functions for your operations.

Connected to

30+

types of vehicles on the Dispatcher platform.



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Plenary Session 1

Session Theme : Mobility innovation to solve social issues

Session Overview

Experts from various countries will present mobility innovations to solve various social issues such as safety, environment, and traffic efficiency from various perspectives, such as safety assessment, legal systems, and socio-economic impact.

Speakers



Hiroaki Miyoshi Moderator

Director, Mobility Innovation Alliance Japan, Doshisha University

Automated Driving and Safety Benefits



Matthew Daus

President, International Association of Transportation Regulators (IATR), USA

*Cancel



Hideo Inoue

Director, Professor, Advanced Vehicle Research Institute (VRI), Kanagawa Institute of Technology, Japan

DIVP® 's Digitalization for AD* Safety Assurance



Matthias Hein

Professor, Director, Thuringian Center of Innovation in Mobility at Technische Universitaet Ilmenau, Germany

Virtual world meets real world in wireless mobility research



C. Y. David Yang

President and Executive Director, AAA Foundation for Traffic Safety, USA

Transportation Innovations for Safe Mobility



Bart van Arem

Pro Vice Rector Magnificus for Doctoral Affairs, Full Professor of Transport Modeling, TU Delft, Netherlands

Toward sustainable urban mobility using digital twins

Plenary Session 2

Session Theme : Mobility innovation to provide sustainable mobility services for all

Session Overview

Experts from various countries will introduce the efforts for the social implementation of automated driving around the world and will discuss mobility innovation to solve various issues such as ensuring social acceptance, equity and building sustainable business models.

Speakers



Manabu Umeda Moderator

*Deputy Secretary General, Mobility Innovation Alliance Japan,
The University of Tokyo*



Henriette Cornet

*Thematic Area Leader Automated Mobility,
UITP (International Association for Public Transport), Belgium*

From Vision to Reality: Automated Mobility in Public Transport



Lars Abeler

Project Manager autonomous driving, DB Regio Bus, Germany

The Horizon Europe project ULTIMO: User-centric mobility with automated vehicles



Anna Anund

*Research Director, Human factor, Swedish National Road and Transport
Research Institute, Sweden*

*Ride the future - lessons learned from 2 years operation with automated
shuttles in the city of Linköping, Sweden*

Speakers



William Riggs

Professor, University of San Francisco, Director of Autonomous Vehicles and the City Initiative, USA

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Habib Shamskhov

President, Advanced Mobility Group, USA

Quantum Impact of Advancement of ChatGPT/AI on ADAS



Yuki Saji

President and CEO, BOLDLY Inc.

Latest deployment status of automated mobility service in Japan



Ayako Taniguchi

Professor, Faculty of Engineering, Information and Systems, University of Tsukuba, Japan

Comparison between general public and experts
evaluation of autonomous vehicles'

“violation of traffic rules in an attempt to avoid crashes”

Plenary Session 3 Panel Discussion

Session Theme : Mobility Innovation for the future

Session Overview

As a summary of the Mobility Innovation Workshop, panelists from all over the world will discuss mobility innovation aimed at “contribute to solve social issues and provide sustainable mobility for all,” including questions from participants.

Speakers



Takashi Oguchi Moderator

Director, Mobility Innovation Alliance Japan, The University of Tokyo



Stefan de Vries

Project Manager Connected and Automated Vehicles, IDIADA, Spain



Stephane Dreher

Senior Manager CCAM, ERTICO – ITS Europe, Belgium



Satu Innamaa

*Principal Scientist,
VTT Technical Research Centre of Finland Ltd., Finland*



Timothy Haile

Executive Director, Contra Costa Transportation Authority, USA



Takayuki Morikawa

*Professor, Global Research Institute for Mobility in Society, Nagoya University,
Japan*

Special Lecture

Session Overview

The president of Japan Automobile Research Institute will introduce the initiatives at the Japan Automobile Research Institute and the activities for Mobility Innovation in Japan.

Speakers



Minoru Kamata

President, Japan Automobile Research Institute, Japan

Introduction of JARI - Towards Mobility Innovation -

Closing

Speakers



Akio Yamamoto

President, ITS Japan, Japan

5F

Coffee Break Area

Check-in

Foyer

11:30 - 12:50 Lunch
18:15 - 20:15 Welcome Reception



Conference Hall

Roof Terrace



Restrooms on the 1st and 4th floors are also available.

Thank you for your participation in the workshop. To improve future workshops, please take a few minutes to complete the questionnaire by scanning the QR code.

この度はMobility Innovation Week Japan 2023にご出席いただき誠にありがとうございました。今後の開催の参考にさせていただくため、QRコードを読み取りアンケートへのご協力をお願い申し上げます。アンケートには日本語でもお答えいただけます。(URL: <https://forms.gle/S9m6aRbWQsHkXYQC7>)

